

Amendment "A"
Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claim 1 (currently amended): A wireless video surveillance system comprising:

- C1
- a) one or more video recording means for recording video images of a scene;
 - b) a motion detection means that generates a warning signal when motion is detected as occurring within said scene;
 - c) at least one interface module comprising
 - i) a conversion means that converts said video images to transmittable data;
 - ii) a second wireless point to point communication means that transmits said transmittable data from said interface module to a handheld portable monitor device;
 - iii) an alarm activation means that transmits an alert signal to said handheld portable monitor device when motion detected by said motion detection means exceeds a threshold; and
 - d) said handheld portable monitor device having:
 - i) a first wireless communication means associated therewith for receiving said transmittable data from said interface module and said alert signal from said motion detection means; and

- ii) a conversion and display means for respective conversion of said transmittable data to said video images and display of said video images for converting said video images to transmittable data; and
- c) a hand-held portable monitor device comprising conversion and display means for respective conversion of said transmittable data to said video images, and display of said video images, said portable monitor device having first wireless communication means associated therewith for receiving said transmittable data from said interface module; wherein said interface module comprises second wireless communication means for transmission of said transmittable data from said interface module to said portable monitor device.

Claim 2 (original): The wireless video surveillance system of claim 1 wherein the portable monitor device is a personal digital assistant or similar hand-held processing unit incorporating processor means, memory means and display means.

Claim 3 (original): The wireless video surveillance system of claim 1 wherein the interface module includes input means for receiving video signals from said video recording means.

Claim 4 (original): The wireless video surveillance system of claim 1 wherein the video recording means is a digital camera.

Claim 5 (original): The wireless video surveillance system of claim 1 wherein the video recording means is an analogue video camera.

Claim 6 (original): The wireless video surveillance system of claim 5 wherein the interface module includes a video input means and analog to digital conversion means.

Claim 7 (original): The wireless video surveillance system of claim 1 wherein the interface module includes processing means for converting said video images to transmittable data and one or more transmission buffers.

Claim 8 (original): The wireless video surveillance system of claim 7 wherein the processing means is programmed with video and audio compression algorithms.

Claim 9 (original): The wireless video surveillance system of claim 1 wherein the interface module includes processing means programmed with video and audio compression algorithms and wherein the portable monitor device incorporates a processor means programmed with corresponding audio and video decompression algorithms.

Claim 10 (original): The wireless video surveillance system of claim 1 wherein the first wireless transmission means is a signal receiving means.

Claim 11 (original): The wireless video surveillance system of claim 1 wherein the first wireless transmission means is a signal receiving and transmitting means.

Claim 12 (original): The wireless video surveillance system of claim 1 wherein the second wireless communication means is a signal transmitting means.

Claim 13 (original): The wireless video surveillance system of claim 1 wherein the second wireless communication means is a signal receiving and transmitting means.

Claim 14 (original): The wireless video surveillance system of claim 1 wherein the second wireless communication means is integral with said interface module.

Claim 15 (original): The wireless video surveillance system of claim 1 wherein the portable monitor device includes input means for inputting signals for transmitting to said interface module.

Claim 16 (original): The wireless video surveillance system of claim 15 wherein said first wireless communication means includes means for transmitting said signals and said second wireless communication means includes means for receiving said signals.

Claim 17 (cancelled)

Claim 18 (cancelled)

Claim 19 (currently amended): The wireless video surveillance system of claim 1 ~~18~~ wherein said warning signal is transmitted to the portable monitor device as a voice signal.

Claim 20 (original): The wireless video surveillance system of any one of claims 17-19 further comprising selection means for selection of a video camera which is closest to the detected motion.

Claim 21 (original): The wireless video surveillance system as claimed in any one of claims 1-20 further comprising video footage storage means which can be viewed on command from the portable monitor device.

Claim 22 (original): The wireless video surveillance system as claimed in any one of claims 1-21 further comprising audio footage storage means which can be viewed on command from the portable monitor device.

Claim 23 (cancelled)

Claim 24 (currently amended): The video surveillance system of claim 1 ~~as claimed in any one of claims 1-23~~ further comprising audio detecting means for detecting sound which originates from within said scene.

Claim 25 (currently amended): The video surveillance system of claim 24 wherein the alarm activation means of said interface module activates an alarm when said detected sound exceeds a threshold ~~as claimed in claim 24 wherein the interface module further comprises alarm activation means for activation of an alarm if sound is detected by said audio detecting means.~~

Claim 26 (withdrawn): A method of providing wireless video surveillance including the steps of:

recording a video image of a scene;

processing the recorded image to form data for wireless transmission;

transmitting the data to a hand-held portable monitor device;

processing the data to display the image on the portable monitor device,

wherein the step of processing the recorded image includes the further steps of
compressing the image prior to transmission of the image to the portable monitor
device and
decompressing the image at the portable monitor device.

Claim 27 (withdrawn): The method of claim 26 wherein the step of compressing the
image comprises the following sequential steps:

- C 1
- (1) Temporal decorrelation to determine which portions of an image frame have
changed to enable information to be selectively updated to reproduce the changes:
 - (2) Interframe coding comprising decomposition of interframe images resulting
from step (1) into basic coding units and substantial quantisation of the basic coding
units to eliminate unwanted information; and;
 - (3) Reordering of symbols or values to be coded to create a compact fit stream for
each frame.

Claim 28 (withdrawn): The method of claim 27 wherein step (1) comprises the following
sequential steps:

- (a) Optional block based motion compensation;
- (b) Temporal prediction; and
- (c) Replenishment.

Claim 29 (withdrawn): The method of claim 27 wherein the reordering of symbols or
values of step (3) comprises variable length based coding.

Claim 30 (withdrawn): The method of claim 27 wherein the reordering of symbols or values of step (3) comprises statistical based coding.

Claim 31 (withdrawn): The method of claim 27 further comprising the step of activating an alarm if the temporal decorrelation of step (1) indicates that an image frame has changed.

Claim 32 (withdrawn): The method of claim 26 further including the step of storing said data for later transmission.

C' Claim 33 (withdrawn): The method of claim 26 wherein the step of transmitting the data further indicates the steps of:

transmitting the data as individual frames of video data, said individual frames including key frames and predicted frames, each frame including a check sum or cyclic

redundancy check appended to enable a receiver at the portable monitor device to assess if the frame has been received in error;

if the frame is in error, discarding the frame and transmitting a status message

indicating an identifier of the frame that is in error;

stopping the transmitting of predicted frames and transmitting the next available

keyframe; and

after transmitting the key frame resuming transmitting predicted frames.